

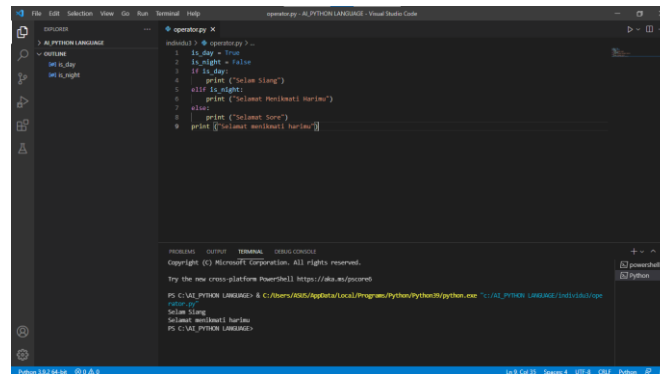
Nama : Ulfa Novianda

Nim : 20.01.013.042

Kelas : Kecerdasan Buatan (AI-3B)

## Tugas Pyhton 3

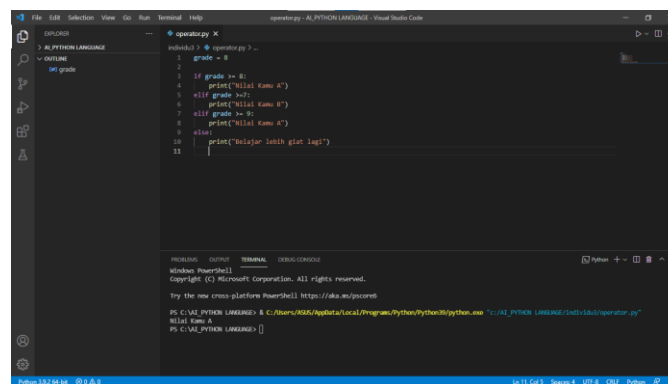
- Percabangan If



```
1 is_day = True
2 is_night = False
3 if is_day:
4     print("Selamat Siang!")
5 elif is_night:
6     print("Selamat Pagi!")
7 else:
8     print("Selamat Sore!")
9 print("Selamat menikmati hari!")
```

Python 3.12.4 64-bit @ 9 A 3

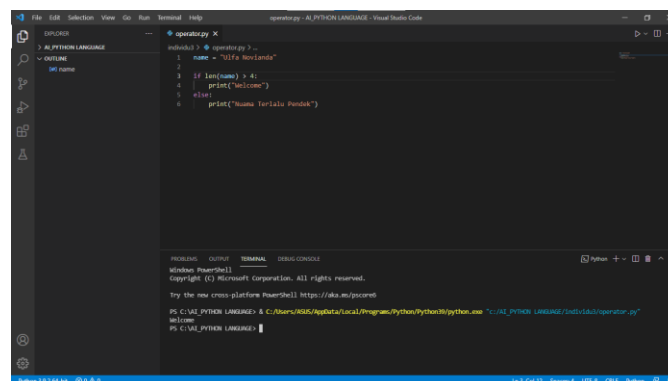
- Operator Perbandingan



```
1 grade = 9
2 if grade > 8:
3     print("Nilai Kamu A!")
4 elif grade >= 8:
5     print("Nilai Kamu B!")
6 elif grade >= 7:
7     print("Nilai Kamu A!")
8 else:
9     print("Nilai Kamu B!")
```

Python 3.12.4 64-bit @ 9 A 3

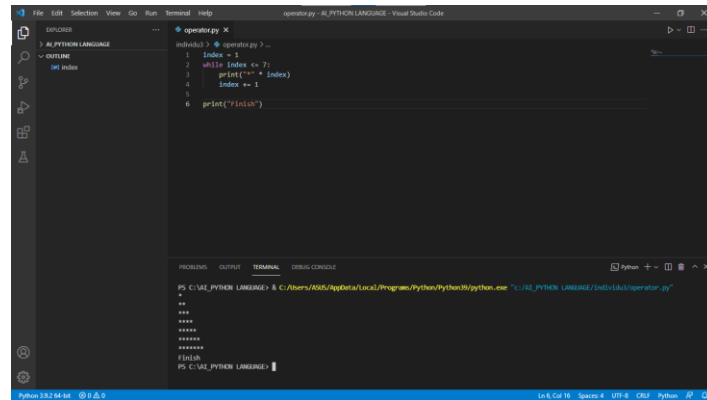
- Operator Logika



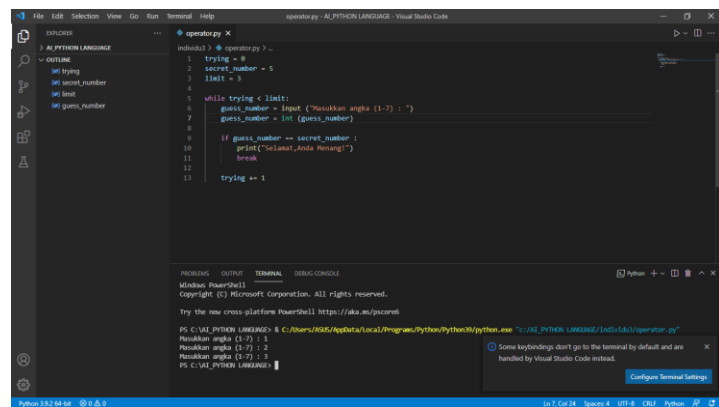
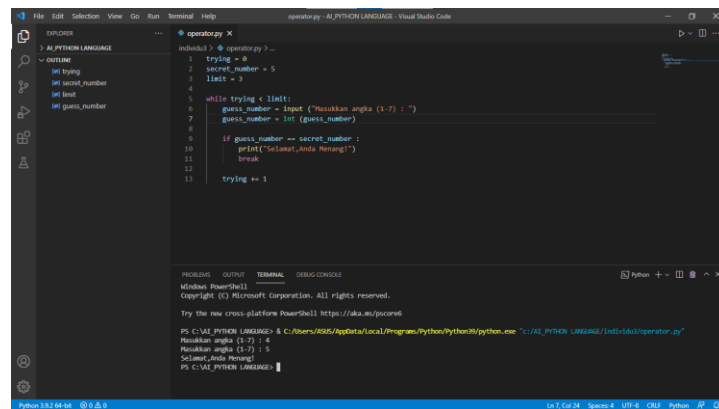
```
1 name = "Ulfa Novianda"
2 if is_logged & True:
3     print("Selamat!")
4 else:
5     print("Nama Terlarang Pendaftar!")
```

Python 3.12.4 64-bit @ 9 A 3

- Perulangan While



- Game Tebak Angka



- Aplikasi Kalkulator
  - Input

```

1  a = 1 + 2 / 5(1)
2  command = ""
3
4  while command != "exit":
5      command = input("perintah : ")
6
7      if command == "exit":
8          break
9
10     if command != "a" and command != "+" and command != "*" and command != "/" :
11         print("perintah tidak dikenali")
12         continue
13
14     a = int(input("Angka Pertama : "))
15     b = int(input("Angka kedua : "))
16
17     if command == "+":
18         result = a + b
19     if command == "-":
20         result = a - b
21     if command == "*":
22         result = a * b
23     if command == "/":
24         result = a / b
25
26     print("Hasil : (result)")
27
28     print("Terimakasih telah menggunakan aplikasi kami")
29

```

- Otput

```

Microsoft PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\AI_PYTHON_LANGUAGE> cd "C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe" "C:\AI_PYTHON_LANGUAGE\individual\operator.py"
perintah : a
perintah tidak dikenali
perintah : +
Angka Pertama : 30
Angka kedua : 5
Hasil : 35
perintah : -
Angka Pertama : 30
Angka kedua : 2
Hasil : 28
perintah : *
Angka Pertama : 4
Angka kedua : 2
Hasil : 8
perintah : /
Angka Pertama : 30
Angka kedua : 5
Hasil : 6.0
perintah : exit
Terimakasih telah menggunakan aplikasi kami
PS C:\AI_PYTHON_LANGUAGE> cd "C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe" "C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe" "C:\AI_PYTHON_LANGUAGE\individual\operator.py"

```